

RAW SEQUENCE LISTING

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Information Center (STIC) no errors detected.**

Application Serial Number: 10/531,402
Source: PJ
Date Processed by STIC: 7/6/06

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PCT

RAW SEQUENCE LISTING

DATE: 07/06/2006

PATENT APPLICATION: US/10/531,402

TIME: 14:08:58

Input Set : F:\CELL0294.ST25.txt

Output Set: N:\CRF4\07062006\J531402.raw

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3 <110> APPLICANT: Humphreys, David Paul
4     Chapman, Andrew Paul
5     Robinson, Martyn Kim
6     Spitali, Mariangela
8 <120> TITLE OF INVENTION: E. COLI HOST CELLS WITH MODIFIED PHOS/PSTS PERIPLASMIC
9     PHOSPHATE-BINDING PROTEINS, AND METHOD OF MANUFACTURING
10    RECOMBINANT FABS
12 <130> FILE REFERENCE: CELL-0294
14 <140> CURRENT APPLICATION NUMBER: US 10/531,402
C--> 15 <141> CURRENT FILING DATE: 2005-04-14
17 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/004474
18 <151> PRIOR FILING DATE: 2003-10-15
20 <150> PRIOR APPLICATION NUMBER: GB 0224082.8
21 <151> PRIOR FILING DATE: 2002-10-16
23 <160> NUMBER OF SEQ ID NOS: 31
25 <170> SOFTWARE: PatentIn version 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 21
29 <212> TYPE: DNA
30 <213> ORGANISM: Escherichia coli
32 <400> SEQUENCE: 1
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36 <210> SEQ ID NO: 2
37 <211> LENGTH: 42
38 <212> TYPE: DNA
39 <213> ORGANISM: Escherichia coli
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45 <210> SEQ ID NO: 3
46 <211> LENGTH: 42
47 <212> TYPE: DNA
48 <213> ORGANISM: Escherichia coli
50 <400> SEQUENCE: 3
51 cggcctggaa gcttattagt acagcggctt accgctactg tc          42
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 24
56 <212> TYPE: DNA
57 <213> ORGANISM: Escherichia coli
59 <400> SEQUENCE: 4
60 ccgactcttt catcatcacc gggg                                24
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 60
65 <212> TYPE: DNA

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66 <213> ORGANISM: Escherichia coli
68 <400> SEQUENCE: 5
69 cggcctggaa gcttattaat cgtcatcgtc atcgtcgtac agcggcttac cgctactgtc      60
72 <210> SEQ ID NO: 6
73 <211> LENGTH: 73
74 <212> TYPE: DNA
75 <213> ORGANISM: Escherichia coli
77 <400> SEQUENCE: 6
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80 tttaaatattg gtc      73
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 63
85 <212> TYPE: DNA
86 <213> ORGANISM: Escherichia coli
88 <400> SEQUENCE: 7
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91 agg      63
94 <210> SEQ ID NO: 8
95 <211> LENGTH: 23
96 <212> TYPE: DNA
97 <213> ORGANISM: Escherichia coli
99 <400> SEQUENCE: 8
100 gcgttcgttc agcgtctgcc ggg      23
103 <210> SEQ ID NO: 9
104 <211> LENGTH: 21
105 <212> TYPE: DNA
106 <213> ORGANISM: Escherichia coli
108 <400> SEQUENCE: 9
109 ctgcttcgcg taagcatatt c      21
112 <210> SEQ ID NO: 10
113 <211> LENGTH: 22
114 <212> TYPE: DNA
115 <213> ORGANISM: Escherichia coli
117 <400> SEQUENCE: 10
118 ccaatattaa agacagtagc gg      22
121 <210> SEQ ID NO: 11
122 <211> LENGTH: 24
123 <212> TYPE: DNA
124 <213> ORGANISM: Escherichia coli
126 <400> SEQUENCE: 11
127 cattttgtaa tgccggatgc ggcg      24
130 <210> SEQ ID NO: 12
131 <211> LENGTH: 21
132 <212> TYPE: DNA
133 <213> ORGANISM: Escherichia coli
135 <400> SEQUENCE: 12
136 ctgagcttgc gcctggctgg c      21
139 <210> SEQ ID NO: 13
140 <211> LENGTH: 21

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144 <400> SEQUENCE: 13
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151 <213> ORGANISM: Escherichia coli
153 <400> SEQUENCE: 14
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158 <211> LENGTH: 21
159 <212> TYPE: DNA
160 <213> ORGANISM: Escherichia coli
162 <400> SEQUENCE: 15
163 gcttaataag tgattgaaga a                                21
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168 <212> TYPE: DNA
169 <213> ORGANISM: Escherichia coli
171 <400> SEQUENCE: 16
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174 atcaagaagt gggatgatga agccatcgcc                                90
177 <210> SEQ ID NO: 17
178 <211> LENGTH: 90
179 <212> TYPE: DNA
180 <213> ORGANISM: Escherichia coli
182 <400> SEQUENCE: 17
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185 atcgaagaat gggatgatga agccatcgcc                                90
188 <210> SEQ ID NO: 18
189 <211> LENGTH: 90
190 <212> TYPE: DNA
191 <213> ORGANISM: Escherichia coli
193 <400> SEQUENCE: 18
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196 atcgaaaagt gggatgatga agccatcgcc                                90
199 <210> SEQ ID NO: 19
200 <211> LENGTH: 90
201 <212> TYPE: DNA
202 <213> ORGANISM: Escherichia coli
204 <400> SEQUENCE: 19
205 ctgaagtccg gagaactggg gctggatggg aaaaccctcg gcgacatcta cctgggcaaa    60
207 atcgaagaat gggatgatga agccatcgcc                                90
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211 <211> LENGTH: 90
212 <212> TYPE: DNA
213 <213> ORGANISM: Escherichia coli
215 <400> SEQUENCE: 20

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216 ctgaagtccg gagaactggt gctggatggt aaaaccctcg gcgacatcta cctgggcaaa      60
218 atcaaggaat gggatgatga agccatcgcc                                     90
221 <210> SEQ ID NO: 21
222 <211> LENGTH: 33
223 <212> TYPE: DNA
224 <213> ORGANISM: Escherichia coli
226 <400> SEQUENCE: 21
227 gtgctggaat tcttcgactg ggcgtacaaa acc                                33
230 <210> SEQ ID NO: 22
231 <211> LENGTH: 84
232 <212> TYPE: DNA
233 <213> ORGANISM: Escherichia coli
235 <400> SEQUENCE: 22
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238 ccagaacaag gcacagaagt gctg                                           84
241 <210> SEQ ID NO: 23
242 <211> LENGTH: 84
243 <212> TYPE: DNA
244 <213> ORGANISM: Escherichia coli
246 <400> SEQUENCE: 23
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249 ccagaacaag gcacagaagt gctg                                           84
252 <210> SEQ ID NO: 24
253 <211> LENGTH: 84
254 <212> TYPE: DNA
255 <213> ORGANISM: Escherichia coli
257 <400> SEQUENCE: 24
258 gaagatgcat ggcctattac ctctaccacg ttcattctga tccacgaaga tcagaaggaa      60
260 ccagaacaag gcacagaagt gctg                                           84
263 <210> SEQ ID NO: 25
264 <211> LENGTH: 84
265 <212> TYPE: DNA
266 <213> ORGANISM: Escherichia coli
268 <400> SEQUENCE: 25
269 gaagatgcat ggcctattac ctctaccacg ttcattctga tccacgaaga tcagaagaaa      60
271 ccagaacaag gcacagaagt gctg                                           84
274 <210> SEQ ID NO: 26
275 <211> LENGTH: 84
276 <212> TYPE: DNA
277 <213> ORGANISM: Escherichia coli
279 <400> SEQUENCE: 26
280 gaagatgcat ggcctattac ctctaccacg ttcattctga tccacaaaga tcaggaagaa      60
282 ccagaacaag gcacagaagt gctg                                           84
285 <210> SEQ ID NO: 27
286 <211> LENGTH: 84
287 <212> TYPE: DNA
288 <213> ORGANISM: Escherichia coli
290 <400> SEQUENCE: 27
291 gaagatgcat ggcctattac ctctaccacg ttcattctga tccacaaaga tcaggaaaaa      60

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293 ccagaacaag gcacagaagt gctg 84
296 <210> SEQ ID NO: 28
297 <211> LENGTH: 84
298 <212> TYPE: DNA
299 <213> ORGANISM: Escherichia coli
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302 gaagatgcat ggcctattac ctctaccacg ttcattctga tccacaaaga tcagaaggaa 60
304 ccagaacaag gcacagaagt gctg 84
307 <210> SEQ ID NO: 29
308 <211> LENGTH: 36
309 <212> TYPE: DNA
310 <213> ORGANISM: Escherichia coli
312 <400> SEQUENCE: 29
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316 <210> SEQ ID NO: 30
317 <211> LENGTH: 36
318 <212> TYPE: DNA
319 <213> ORGANISM: Escherichia coli
321 <400> SEQUENCE: 30
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327 <212> TYPE: DNA
328 <213> ORGANISM: Escherichia coli
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333 atattggttt cccacgcagc gcgaacctgt tcaac 95

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VERIFICATION SUMMARY

DATE: 07/06/2006

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Input Set : F:\CELL0294.ST25.txt

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date